

# HUMAN NMDAR1 cDNAs

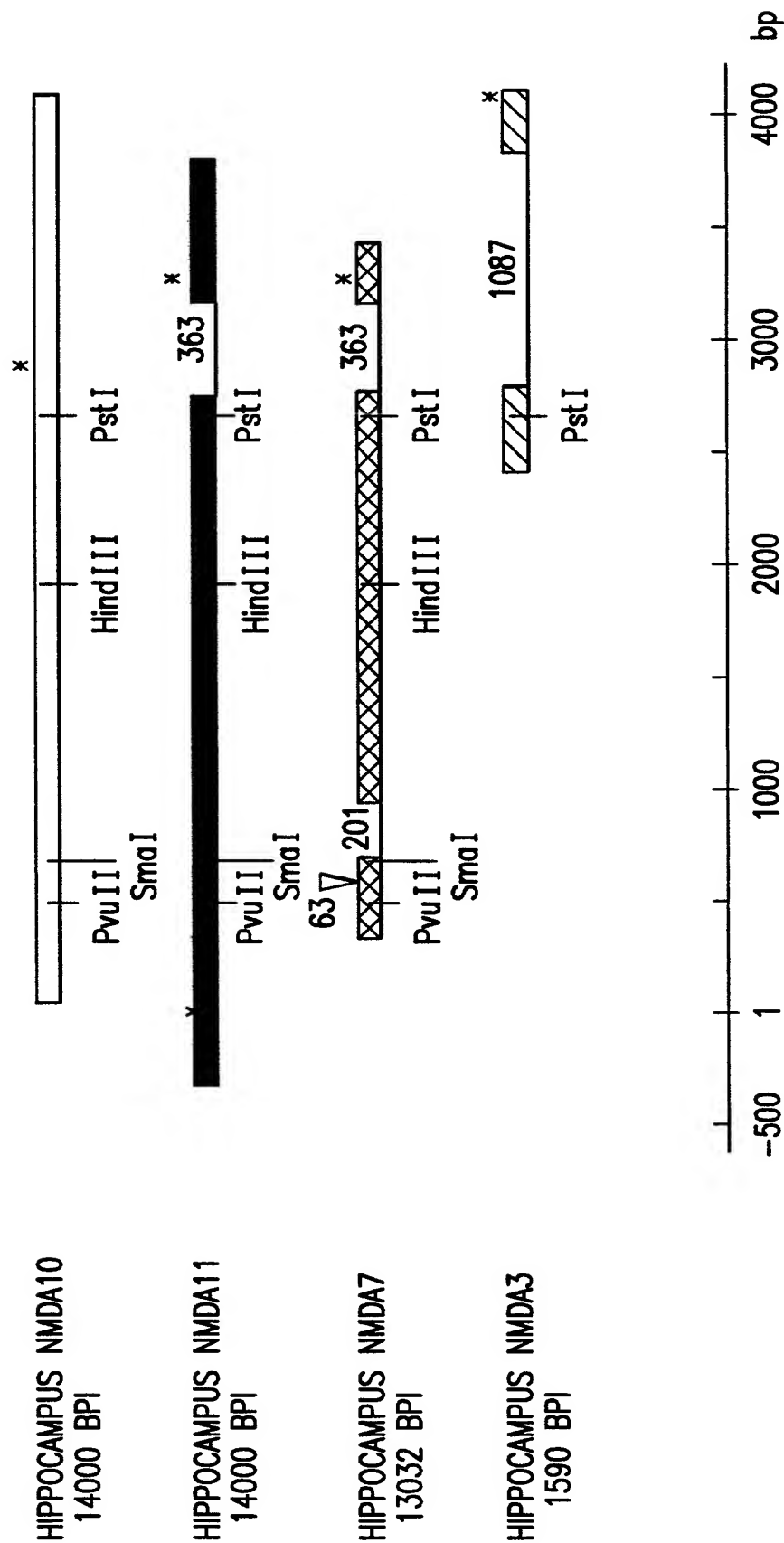


FIG.1

# HUMAN NMDAR1A CONSTRUCTS

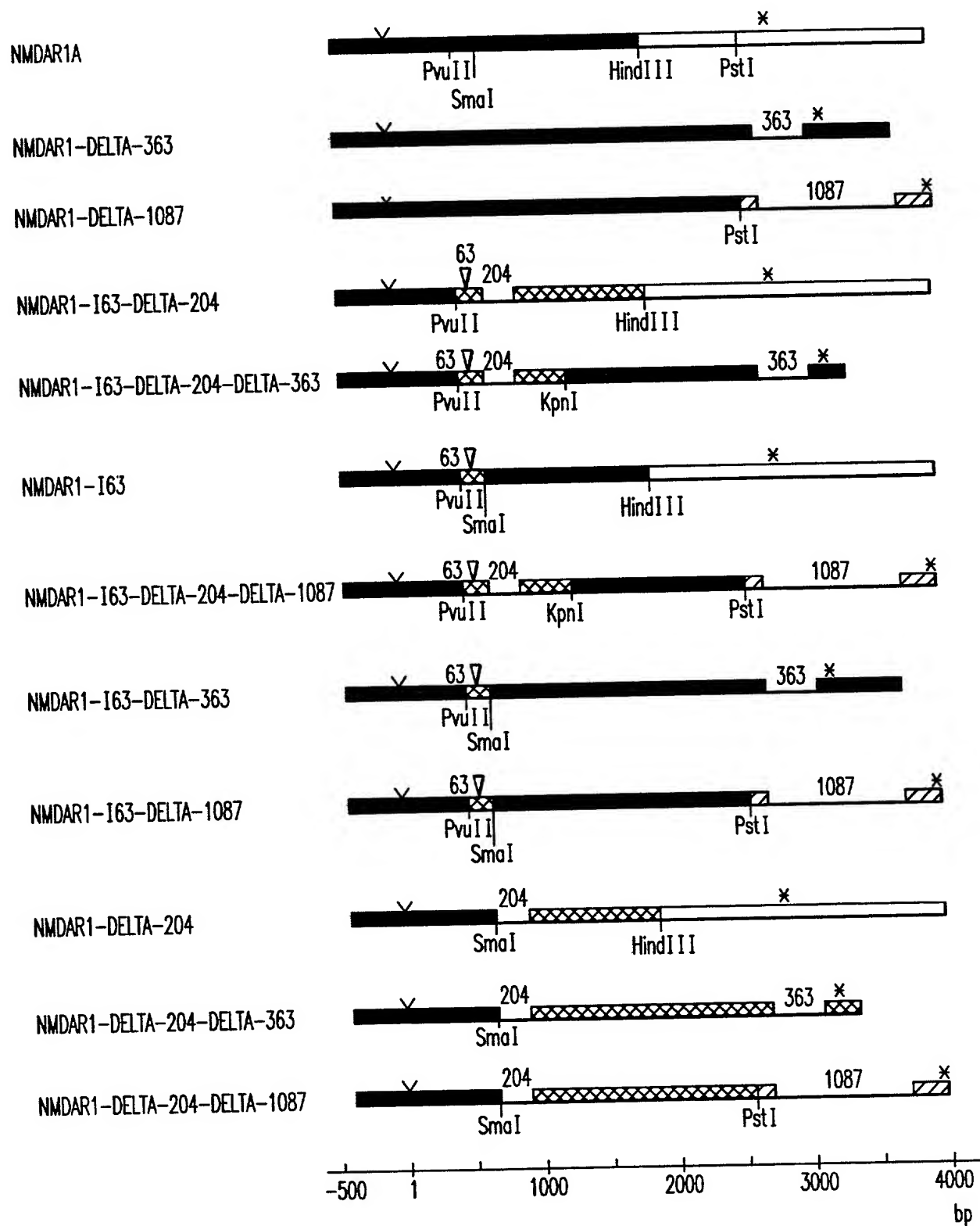


FIG.2

## NUCLEOTIDE SEQUENCE OF THE HUMAN MDARIA RECEPTOR

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1  ccagccgggc gttcggagct gtcccgccc ccgttcagc accgcggaca ggcgcggcgg cgtggggctg agcgcggagc cccgcgcac gttcagccc
101 ccttccctc ggcgcagctc ccgggaccgc cgtccgggg gagcgtggc gtccgcagcc cgcgggggcg ggcgagcgca ggaagcccg gaagcccccgc
      - START
201 gggggatgcg ccggggggccc cgcgttcgag ccgcgcgag ccagggccgc ggcgcggccc cATGAGCACC ATGCGCCTGC TGACGCTGCG CCTGCTGTTC
301 TCCGTCTCG TCGCCCGTGC CCGGTGGAC CCCAGATCG TCAACATGG CCGGTGCTG AGCAGCGCGA AGCAGCAGCA GATGTTCCGC GAGGCCGTGA
401 ACCAGGCCAA CAAGCGGCAC GGCCTCTGGA AGATTGAGT CAATGCCACC TCCGTACGCC ACAAGCCCAA CGGCATCCGG ATGGCTCTGT CCGGTGTGGA
501 GGACCTCATC TCCAGCCAGG TCTAGGCCAT CCTAGTTAG CATCCACCTA CCCCCAAGCA CCACTTCACT CCCCACCCCTG TCTCTACAC AGCCGGCTTC
601 TACCGCATAC CCGTGTCTGG GCTGACCACC CCGATGTCCA TCTACTCGGA CAAGAGCATC CACCTGAGCT TCCGTGGCAC CGTGGCCGCC TACTCCACCC
      Pvu II
701 AGTCCAGGCT GTGGTTTGG ATGATCGGTG TCTACAGCTG GAACACATC ATCCTGCTGG TCAGCGAGCA CCACGAGGCG CCGCGCGCTC AGAAACGCCCT
      63 bp INSERT
801 GGAGACGGTG CTGGAGGAGC GTGAGTCCAA GGCAGAGAG GTGCTGCAGT TTACCCAGG GACCAAGAAC GTACCGGCC TCCTGATGA GCGGAAAGAG
      rSma I
901 CTGGAGGCCC GGGTCATCAT CCTTCTGCC AGCGAGGAG ATGCTGCCAC TGTATACCG GGAGCCGCGA TCGTGAACAT GACCGGCTCC GGGTACGTGT
      Bgl II
1001 GGCTGTGCG CAGCGCGAG ATCTCGGGA ACGCCCTGCG CTACGCCCA GACGGCATCC TCGGCTGCA GCTCATCAAC GGAAGAAGC AGTCGCCCCA
1101 CATCAGCAC GCGTGGCG TGGTGGCCA GCGGTGCCAC GAGCTCTCG AGAGGAGAA CATACCCAC CCGCCGCGGG GCTGCGTGG CAACACCAAC
1201 ATCTGAAGA CCGGGCGCT CTTCAAGAGA GTGCTGATG CTTCCAAGTA TGGGATGG GTGACTGGT GGTGGAGTT CAATGAGGAT GGGGACCGGA
1301 AGTTCCCAA CTACAGCAT ATGAACCTGC AGAACCGCA CTGGTGCAA GTGGCATCT ACAATGCCAC CCACGTGATC CCTAATGACA GGAAGATCAT
      Kpn I
1401 CTGGCCAGC GGAGAGACAG AGAGCCTCG AGGTACCAG ATGTCCACCA GACTGAAGAT TGTAGCATC CACCAGAGC CCTTCGTGA CGTCAAGCCC
1501 ACGCTGAGT ATGGACATG CAAGGAGAG TTACAGTCA ACGCGACCC AGTCAAGAAG GTGATCTGCA CCGGGCCCAA CGACACGTGC CCGGGCAGCC
1601 CCGGCCACAC GGTGCTCAG GTTTGCTAG CTTTTCAT CGACCTGCTC ATCAGCTGG CACGACCAT GAACCTCAC TACGAGTGC ACCTGGTGGC
1701 AGATGGCAAG TTGGGCACAG AGGAGCGGT GAACAACAGC AACAGAAGG AGTGAATGG GATGATGGC GAGTGTCTCA GCGGGCAGGC AGACATGATC
1801 GTGGCGCGC TAACCATAA CAACGAGCG GGCAGTACA TCGAGTTTC CAGCCCTTC AGTACCAGG GCTGACTAT TCTGGTCAAG AAGGAGATTG
1901 CCGGAGCAC GCTGAGTCG TTCATGCAGC CGTTCACAG CACACTGCG GTGCTGGTG GGTGTCGGT GCACTGGTG GCGGTGATGC TGTACCTGCT
2001 GGACCGCTC AGCCCTTCG GCGGTTCAA GGTGAACAGC GAGGAGGAG AGTACCCCTG TCCTCGCCCA TGTGGTTCTC CTGGGGGGCTC

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-204 bp  
DELETION

FIG.3A

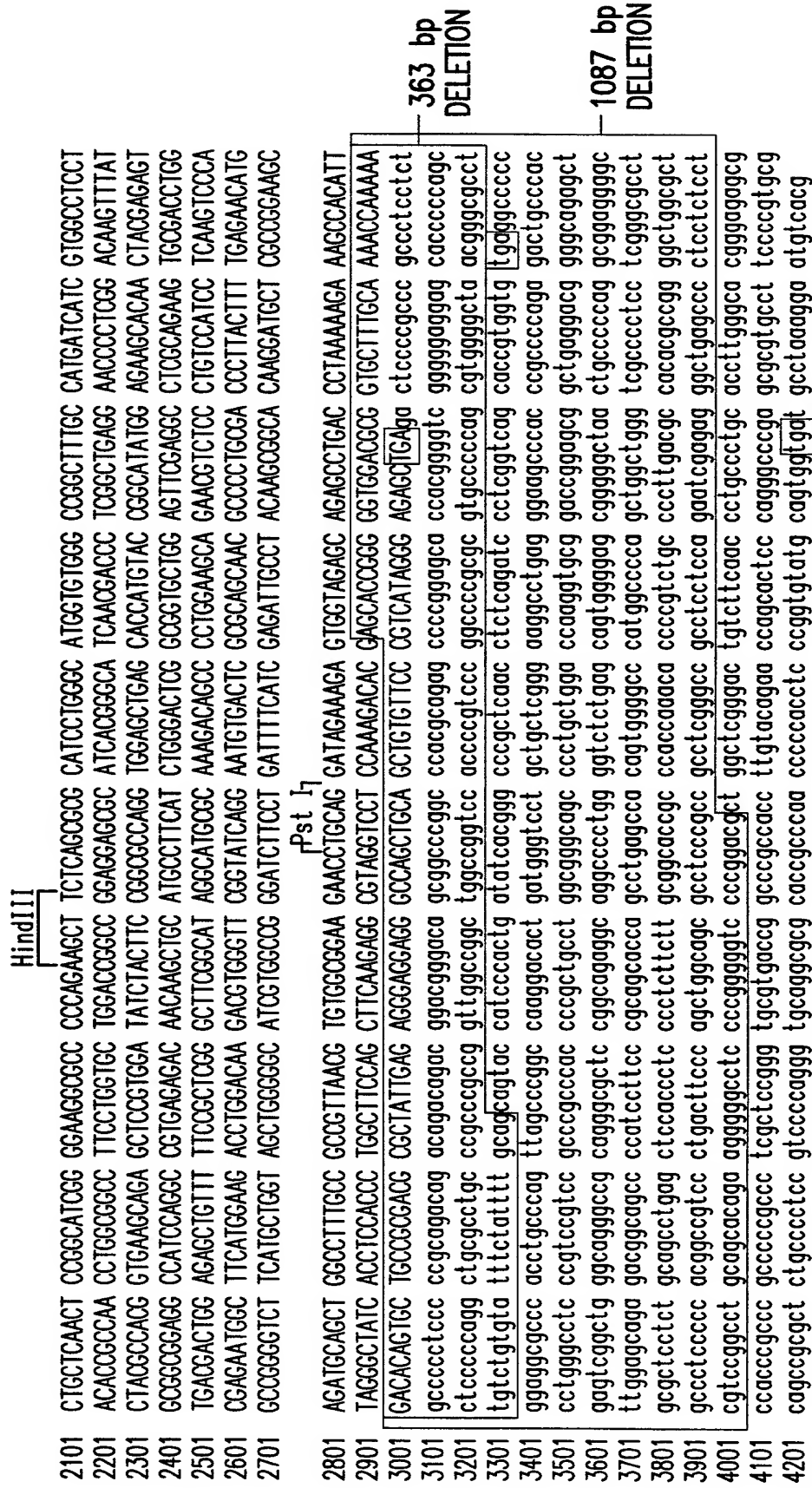


FIG.3B



**FIG. 4**

# CONSTRUCTION OF THE FULL-LENGTH HUMAN NMDAR2C cDNAs

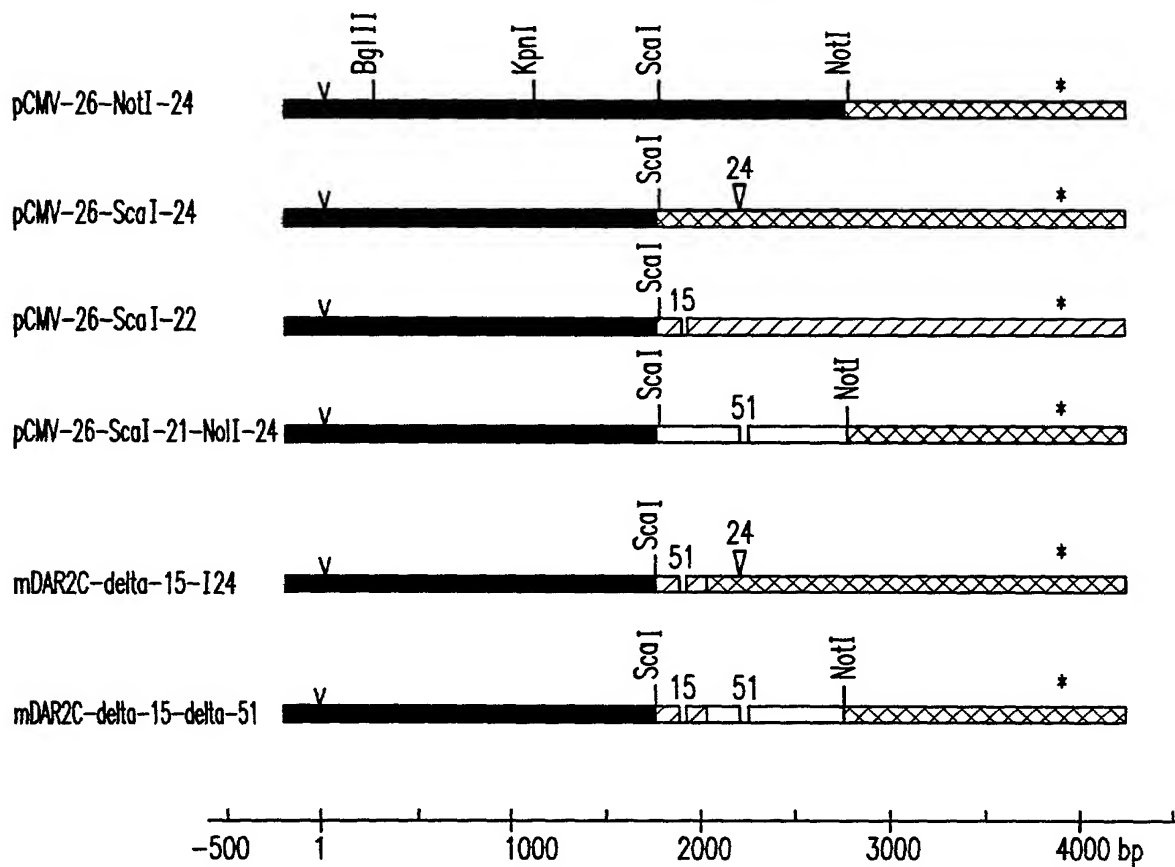


FIG.5

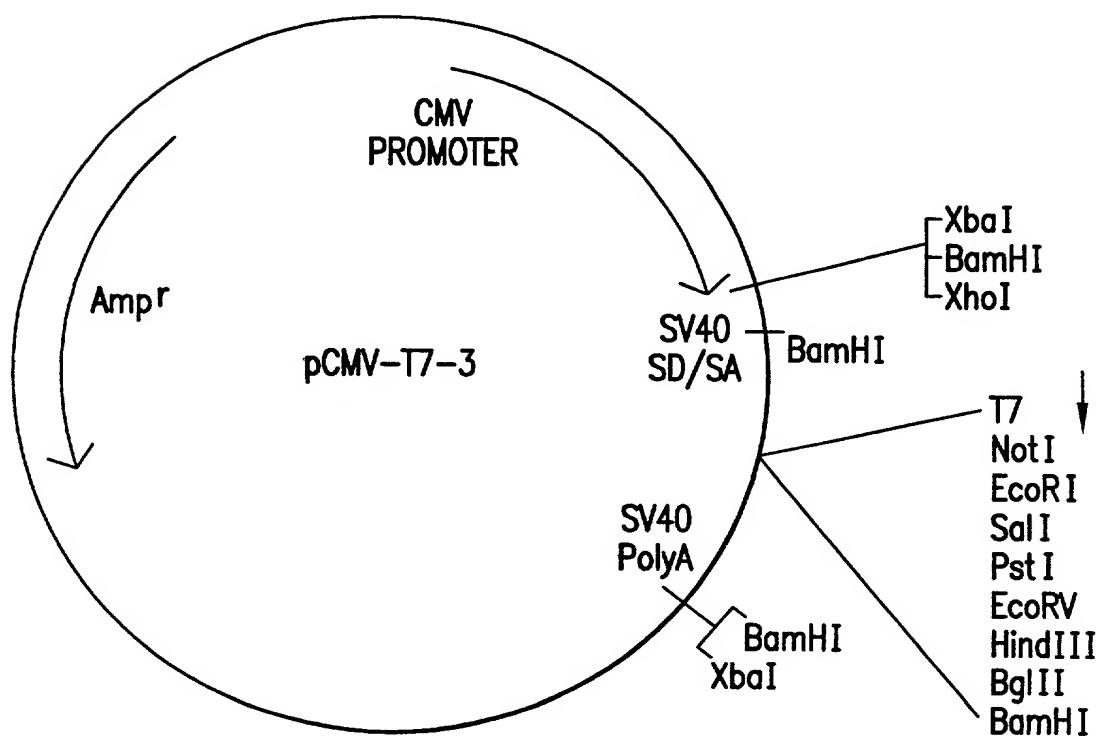
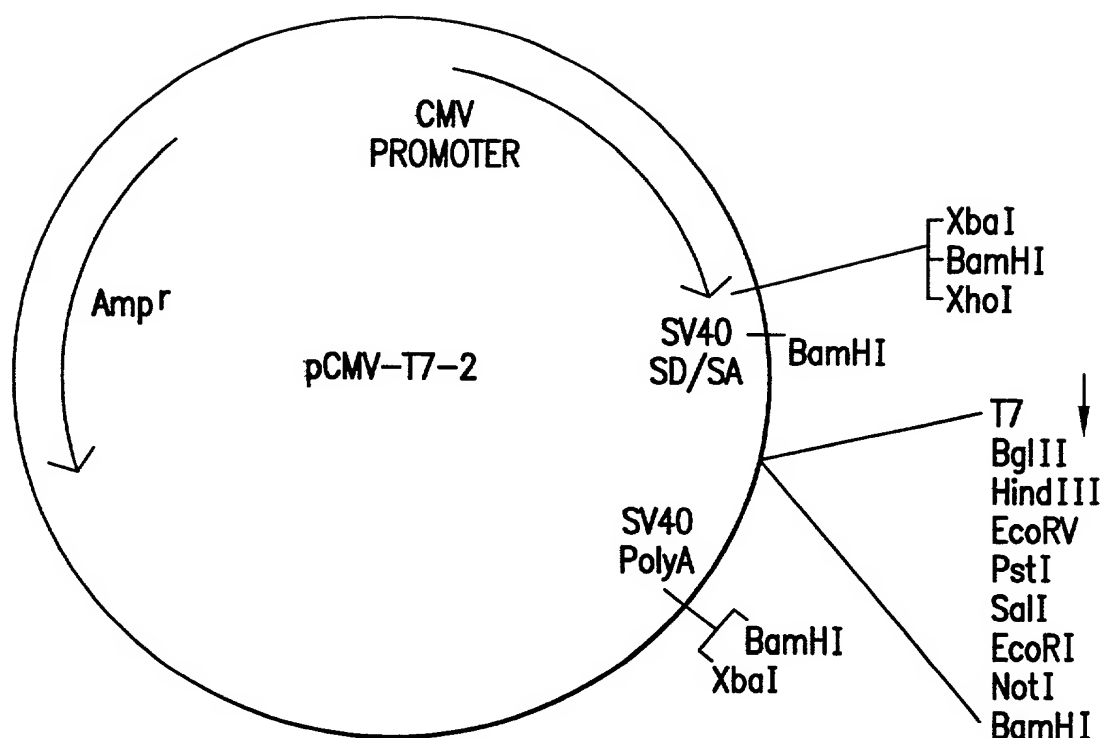


FIG.6